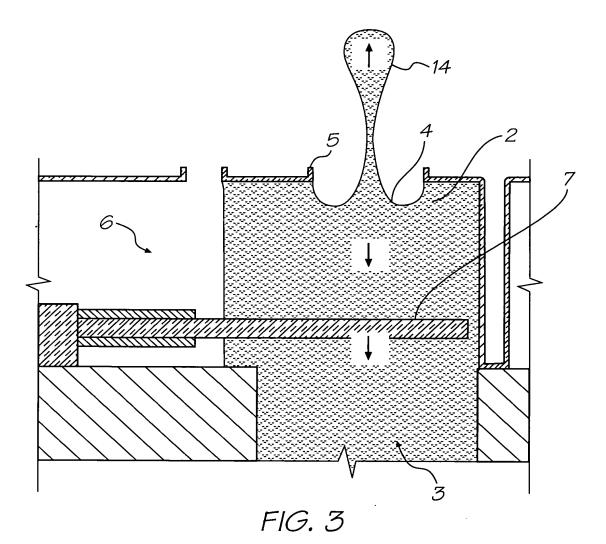
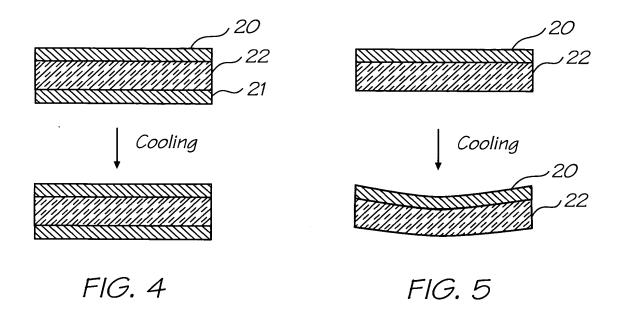


FIG. 2





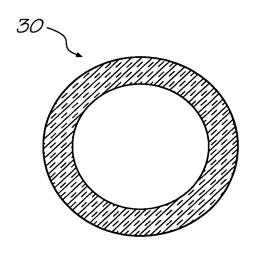


FIG. 6

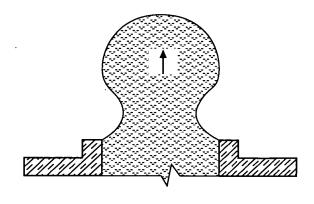


FIG. 7

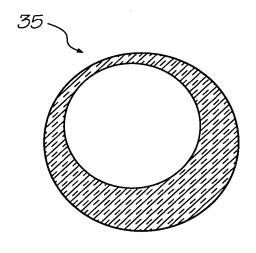


FIG. 8

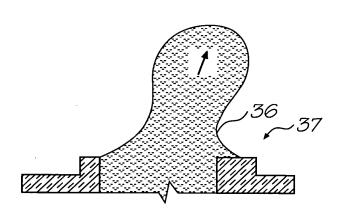
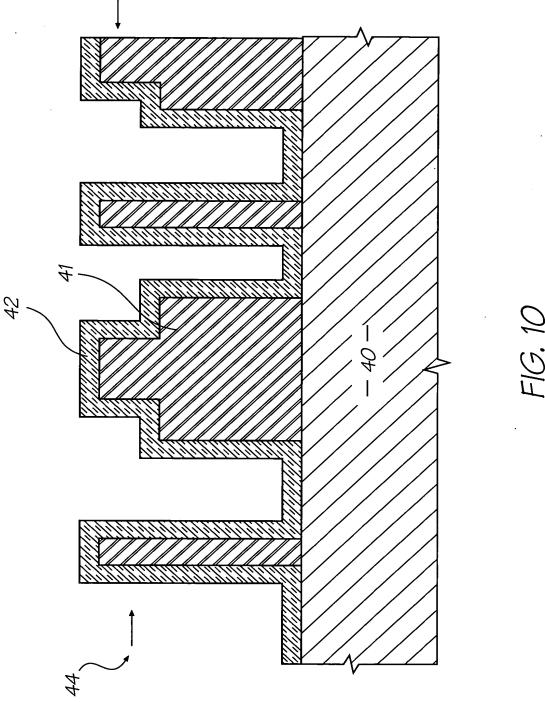
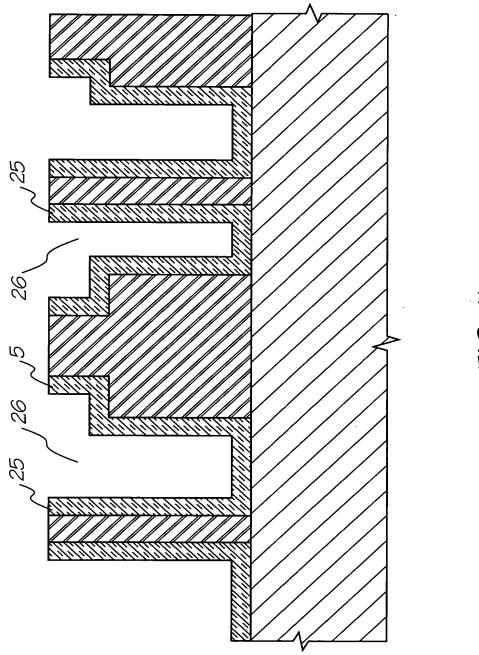


FIG. 9





F1G. 11

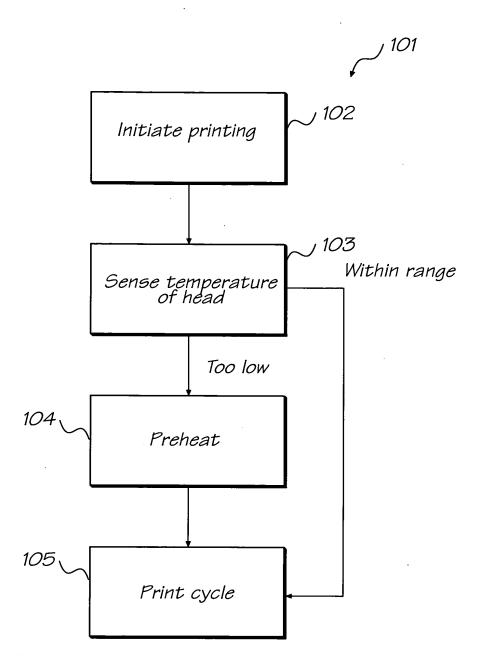
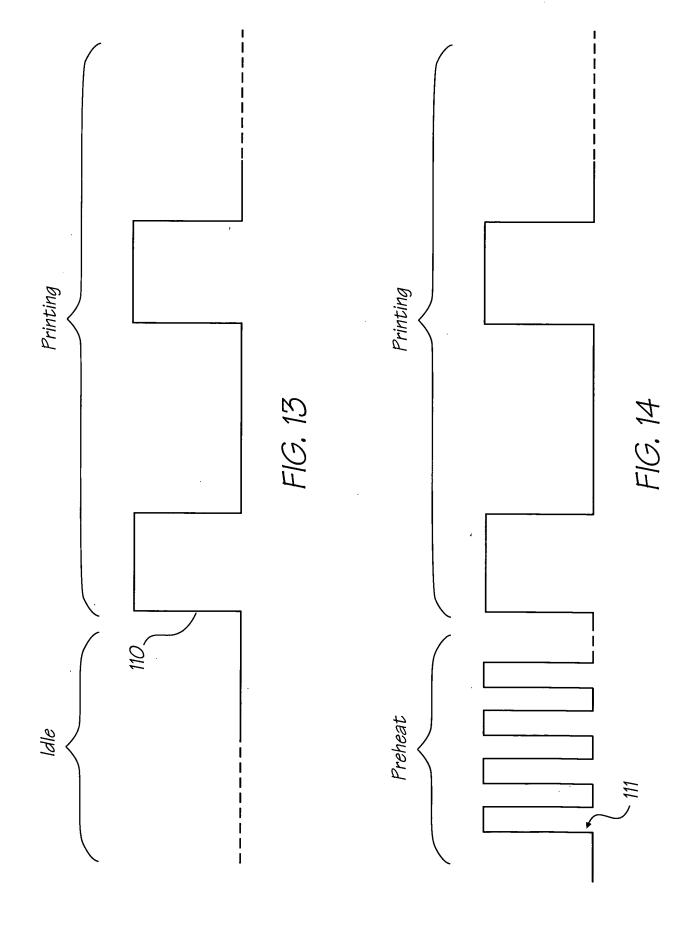
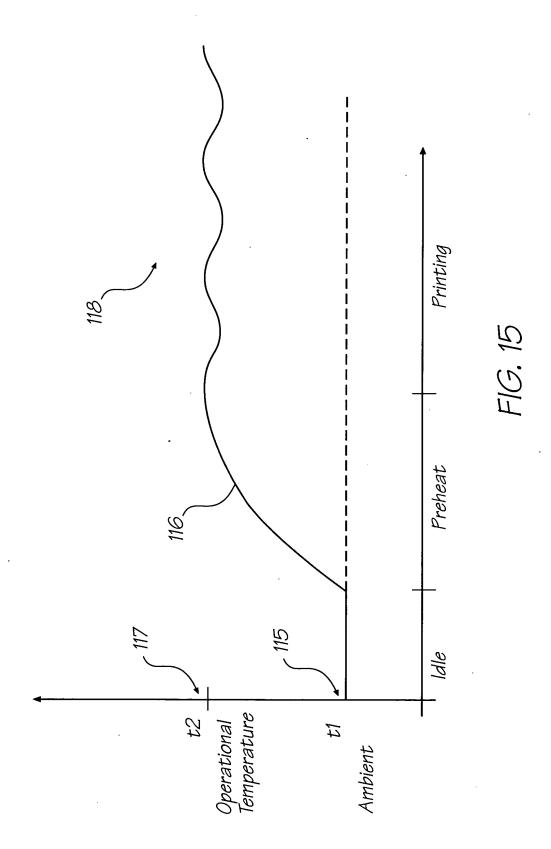
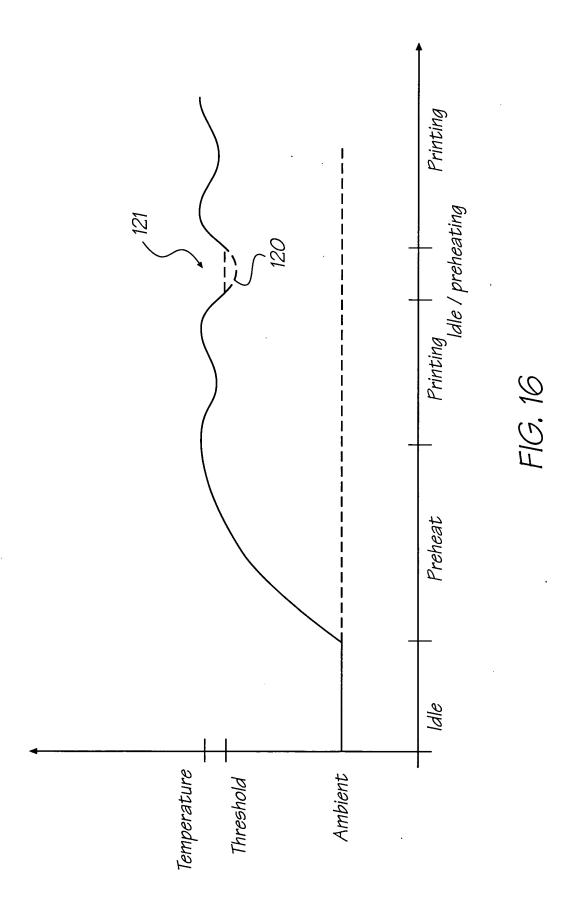


FIG. 12





7



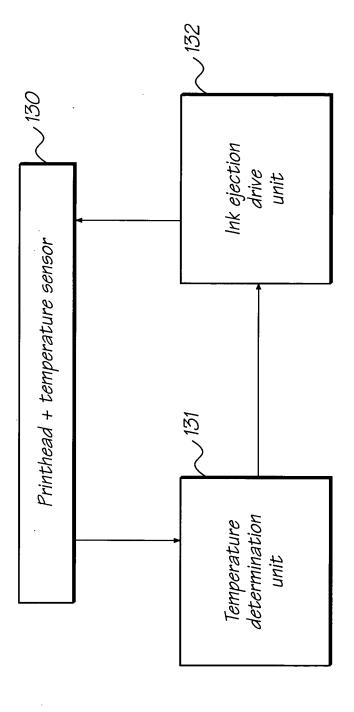
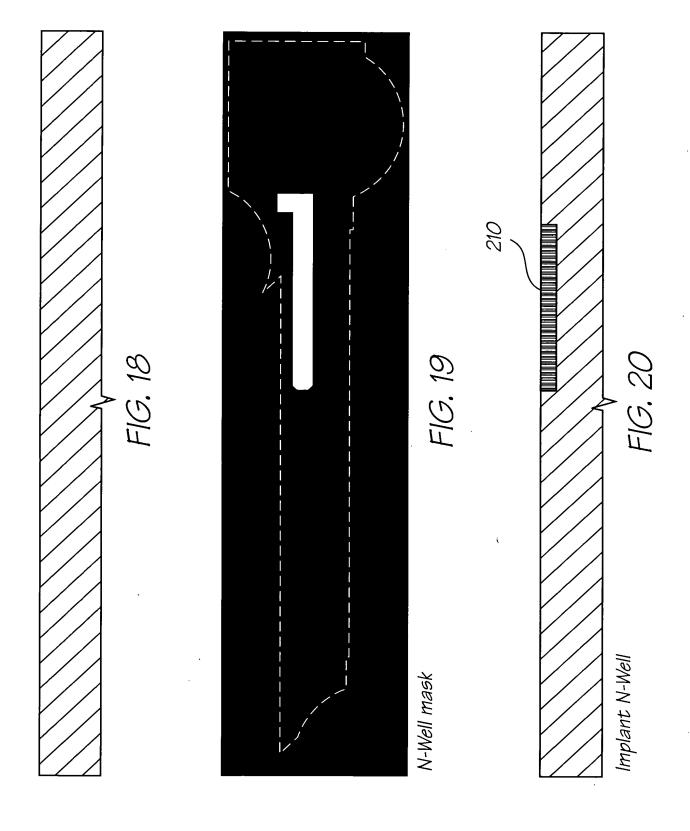


FIG. 17



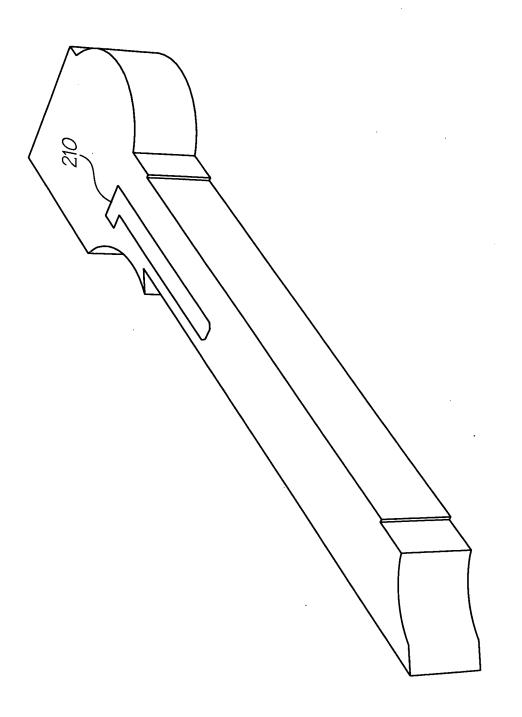
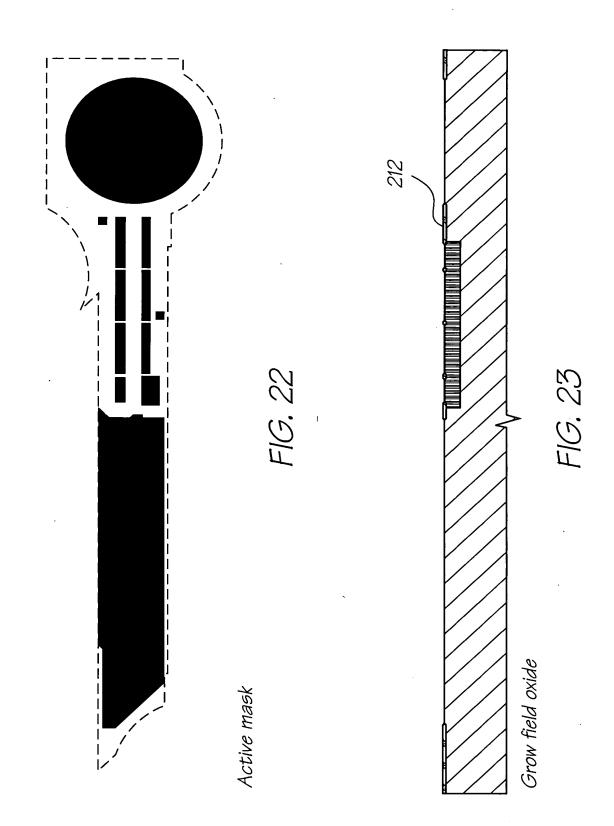


FIG. 21



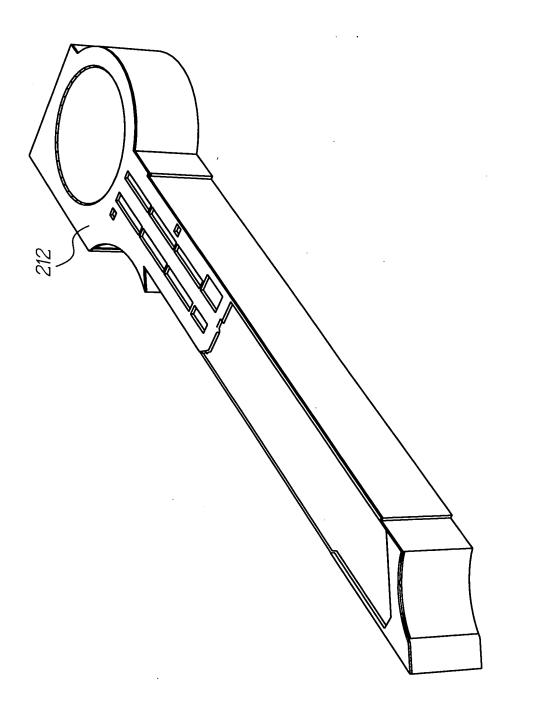
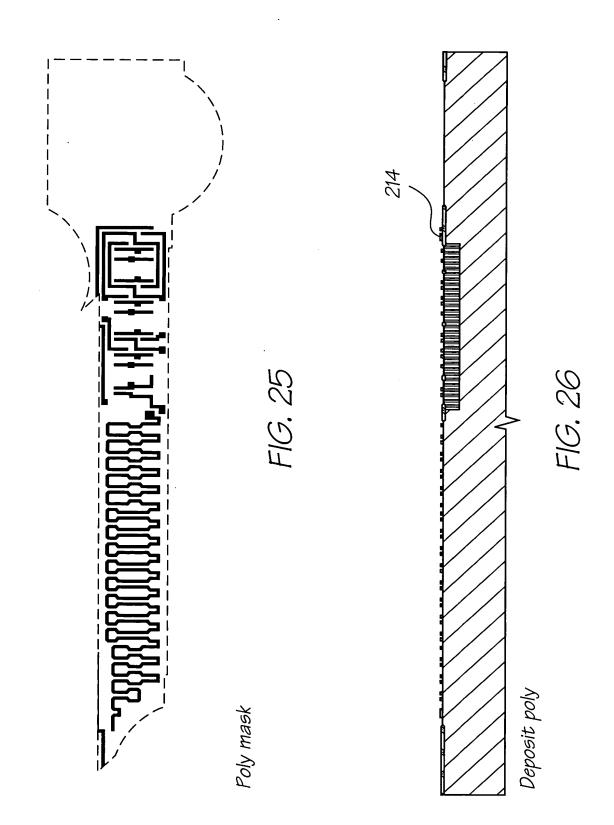


FIG. 24



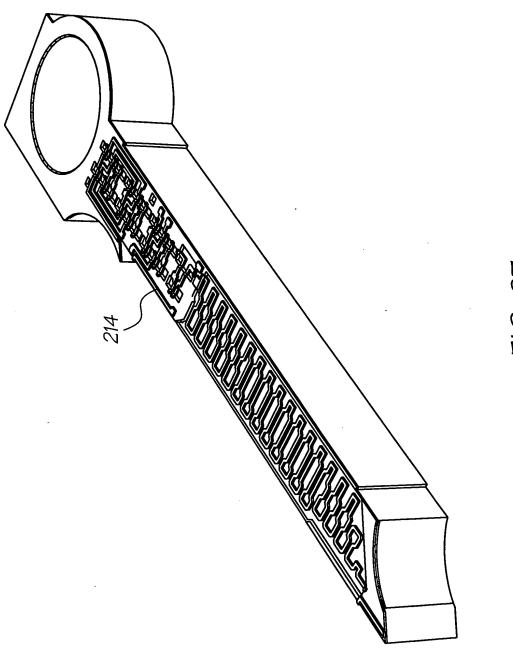
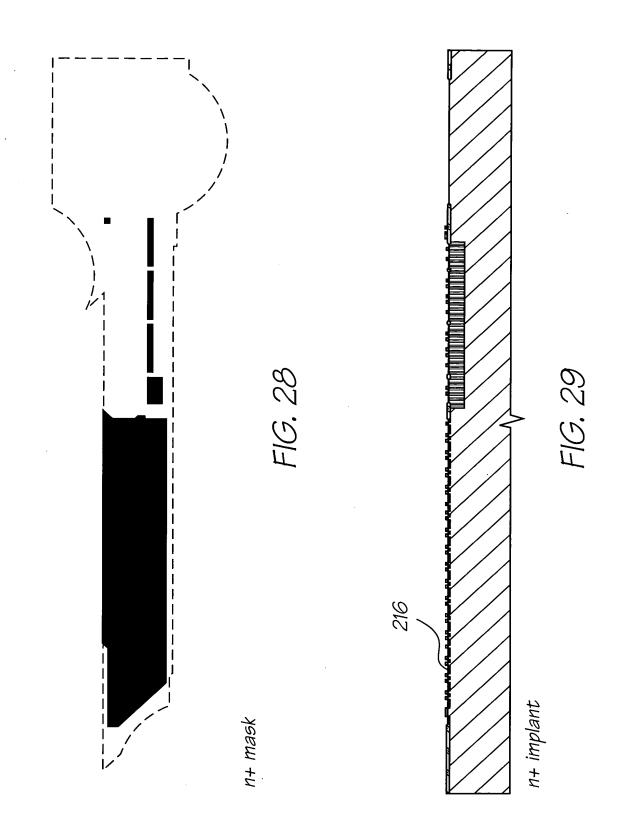


FIG. 27



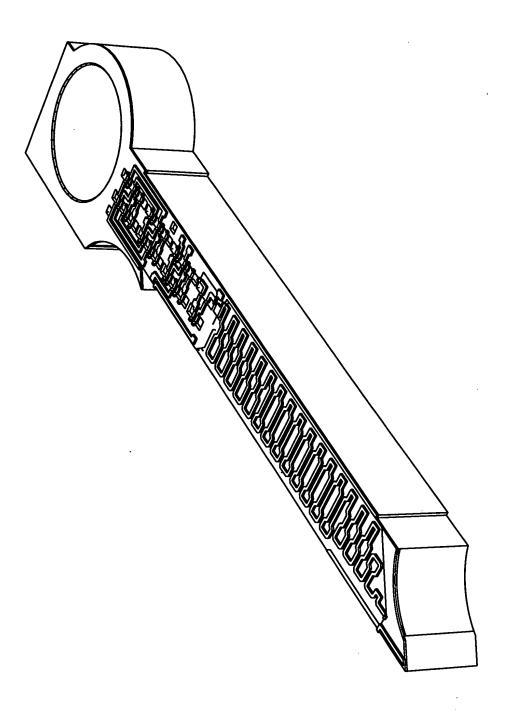
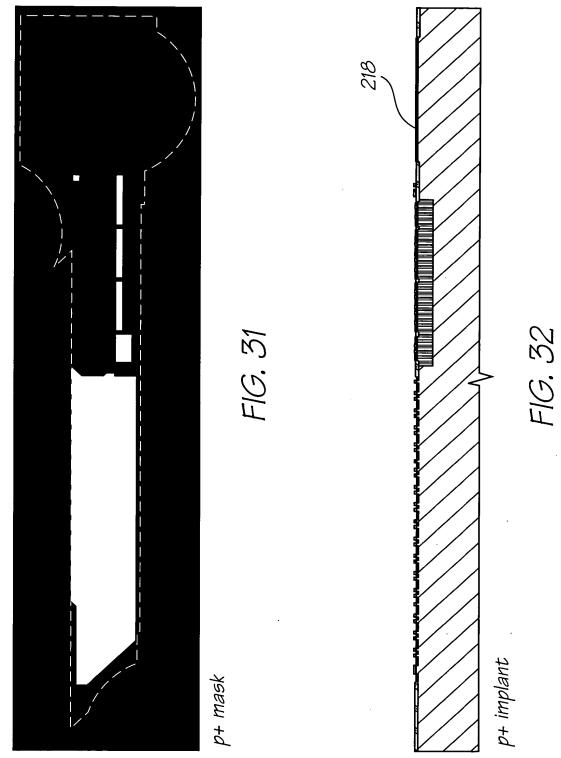
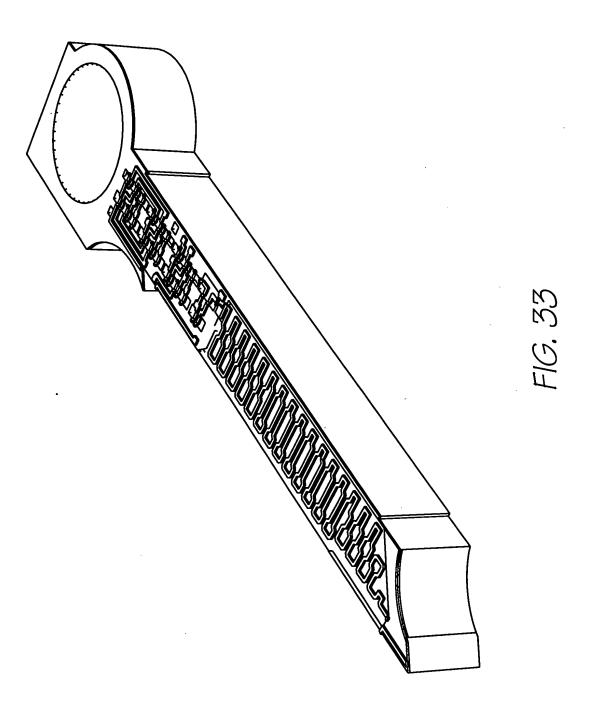
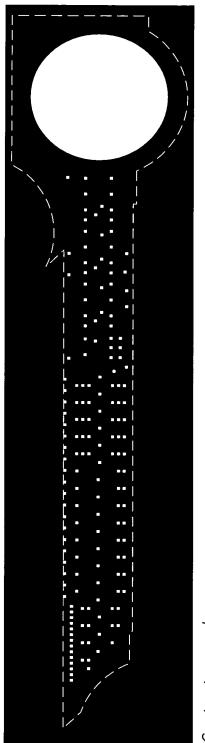


FIG. 30

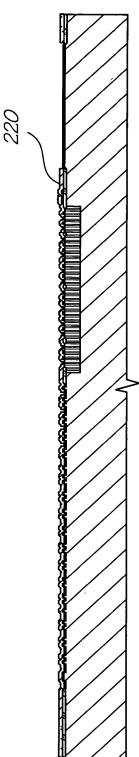






Contacts mask

FIG. 34



Deposit ILD 1, etch contacts

FIG. 35

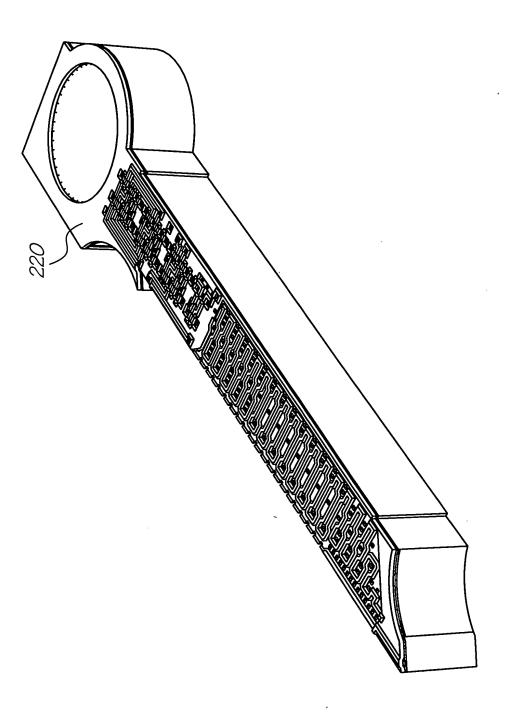
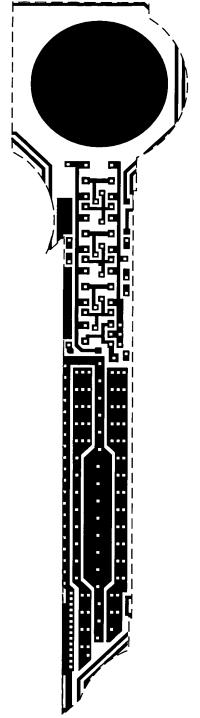


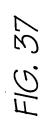
FIG. 36

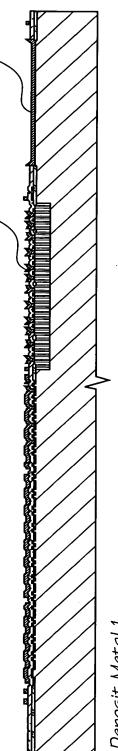
225

224



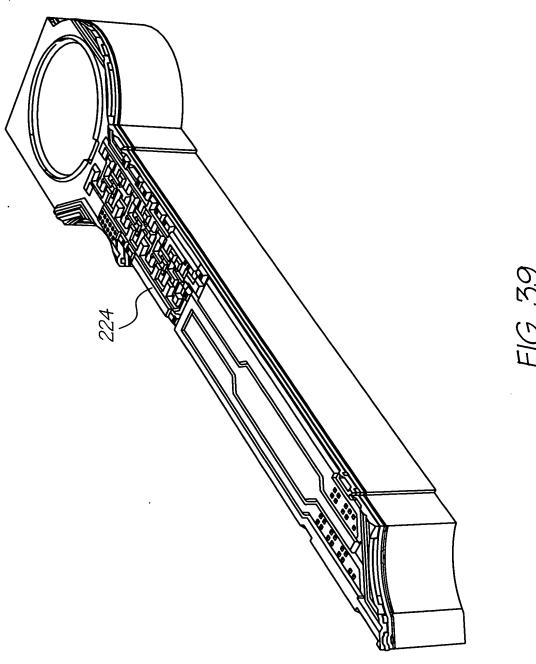
Metal 1 mask

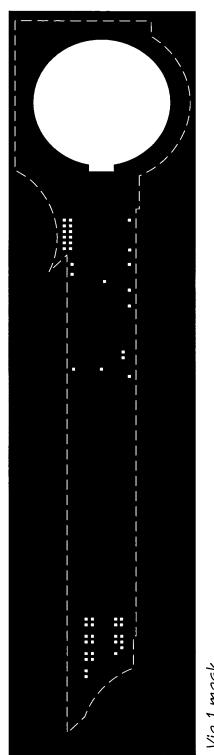




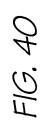
Deposit Metal 1

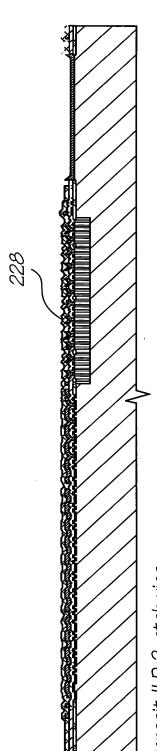
FIG. 38





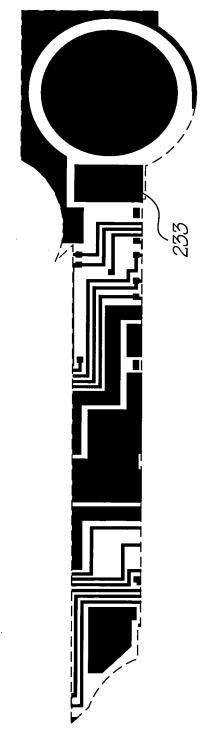
Via 1 mask





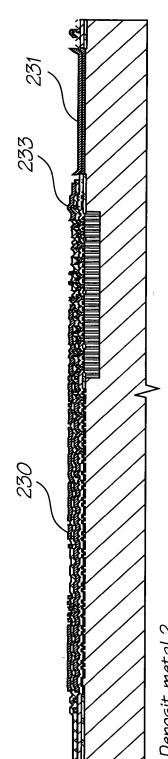
Deposit ILD 2, etch vias

FIG. 41



Metal 2 mask

FIG. 42



Deposit metal 2

FIG. 43

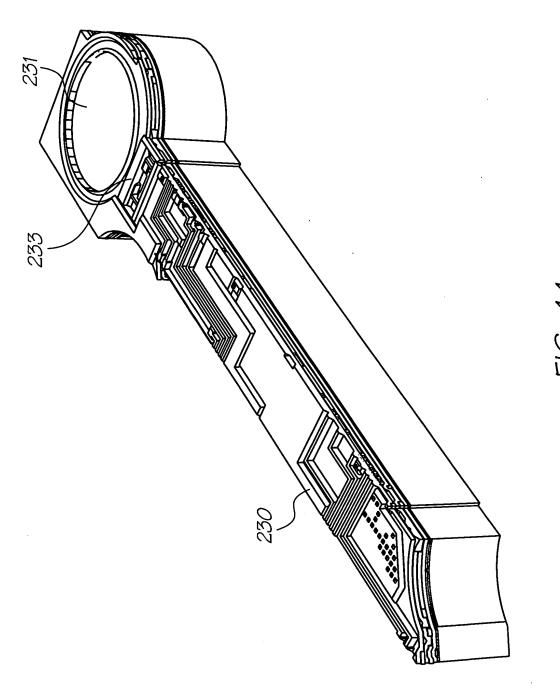
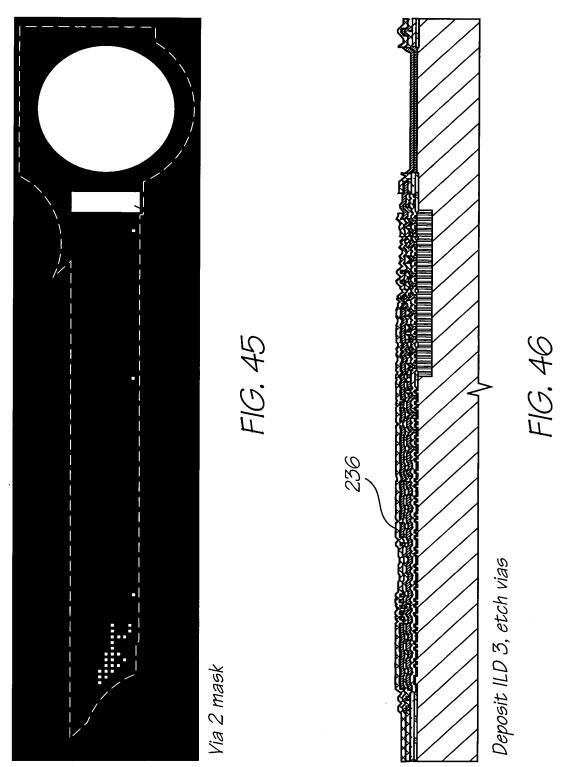
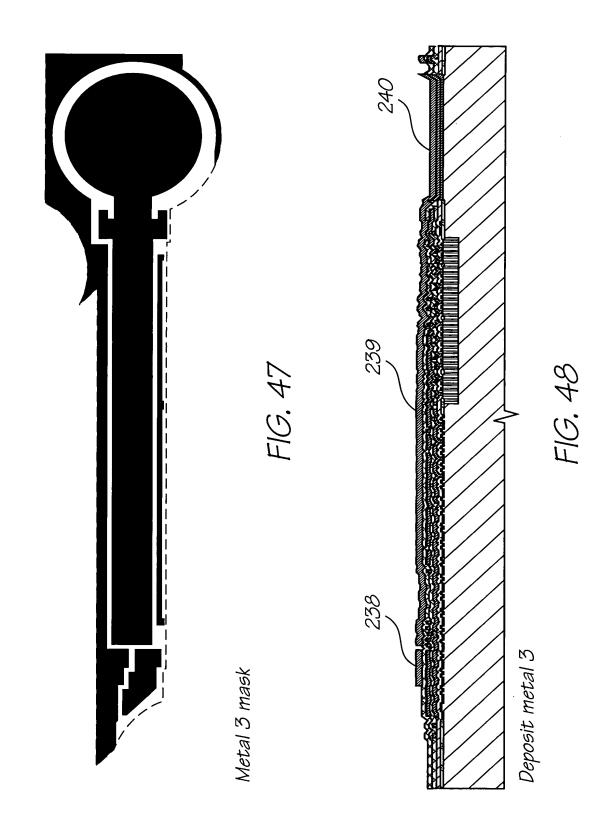
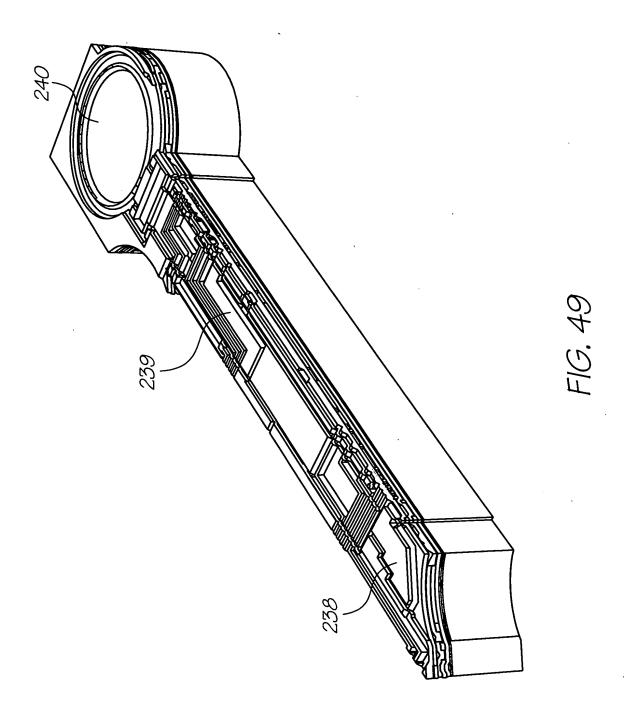
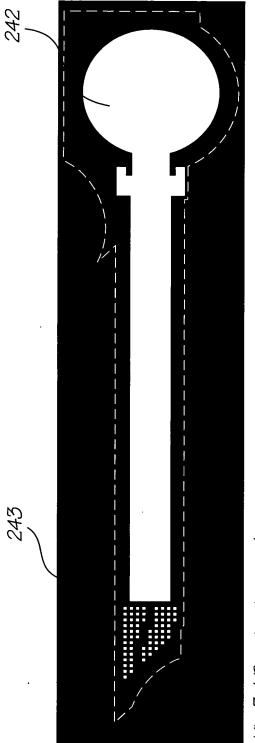


FIG. 44



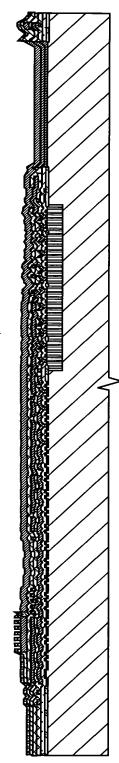






Via 3 / Passivation mask

FIG. 50



Deposit passivation oxide & nitride, etch vias

FIG. 51

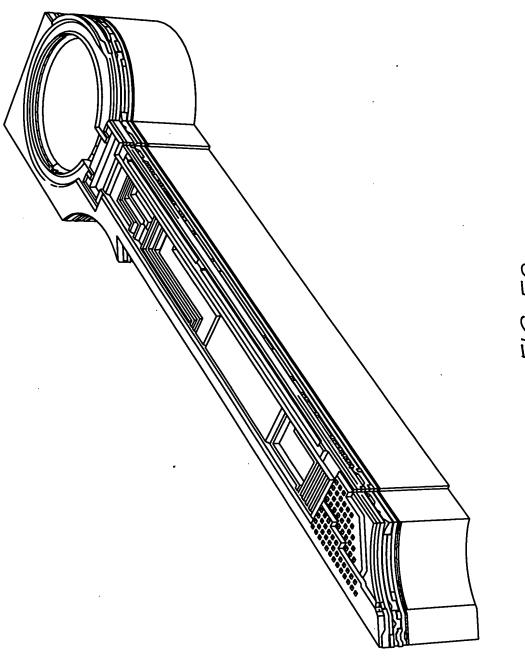
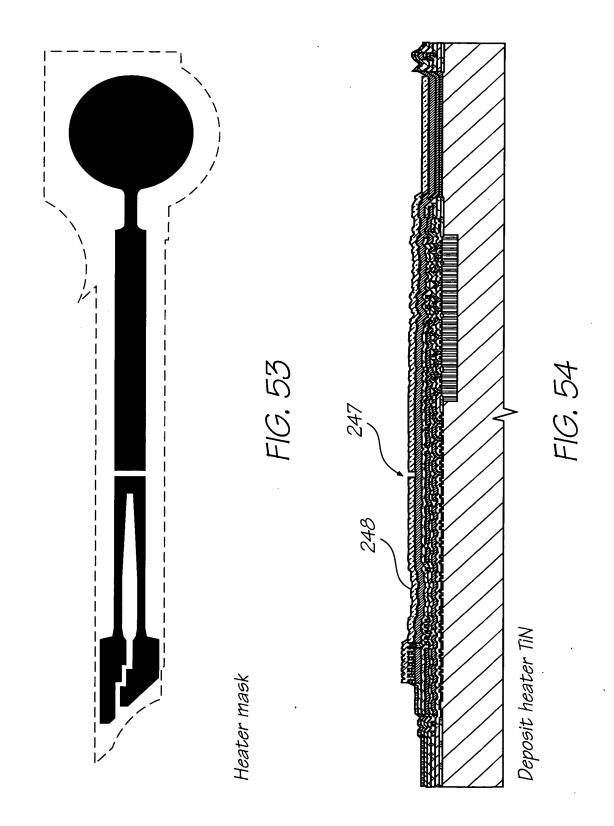
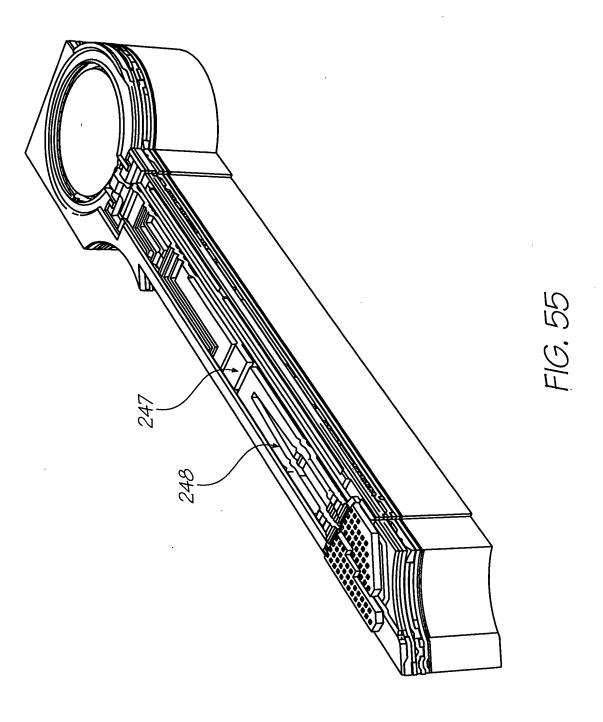
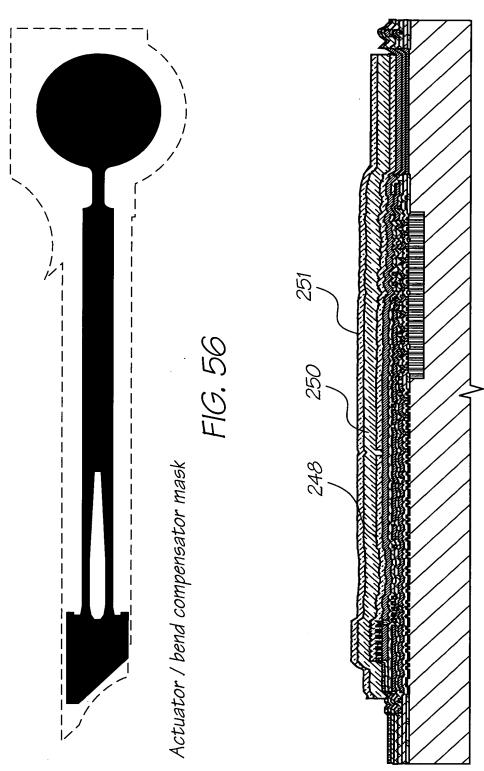


FIG. 52







Deposit actuator glass and bend compensator TiN, etch together

FIG. 57

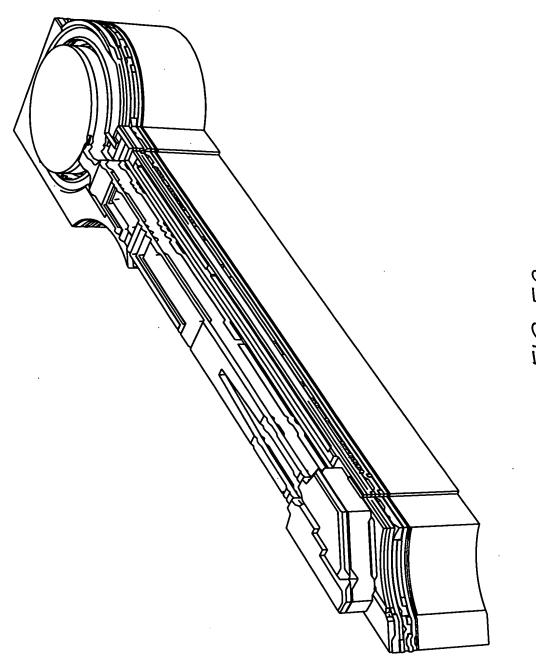
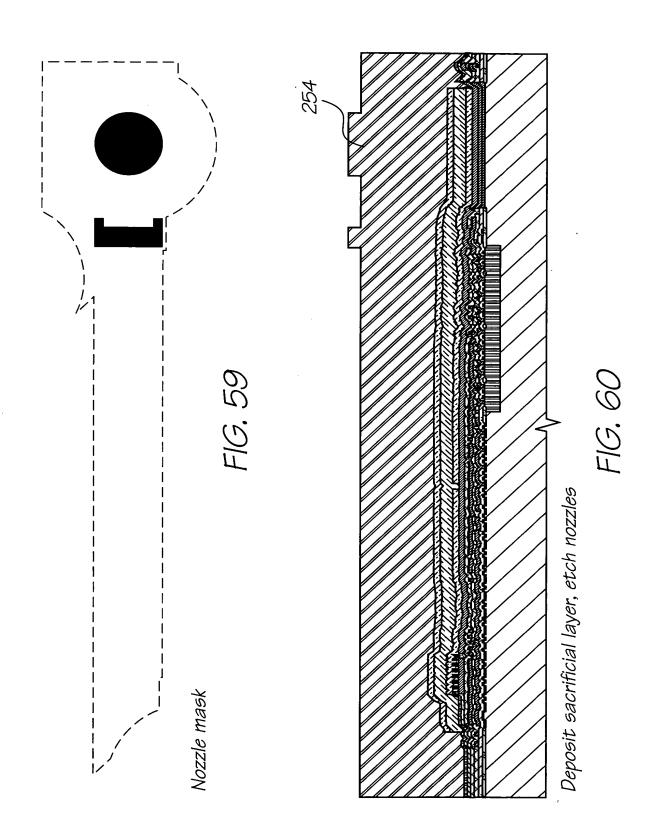
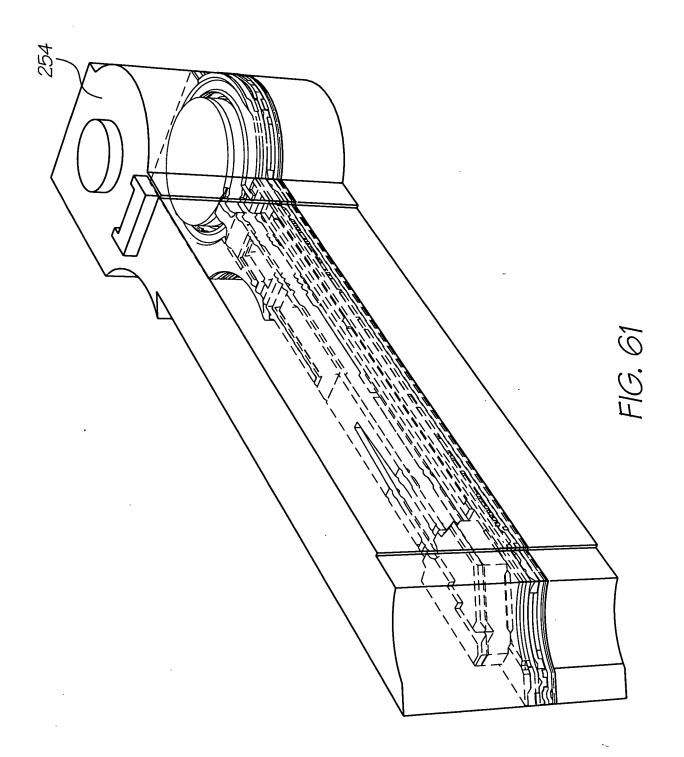
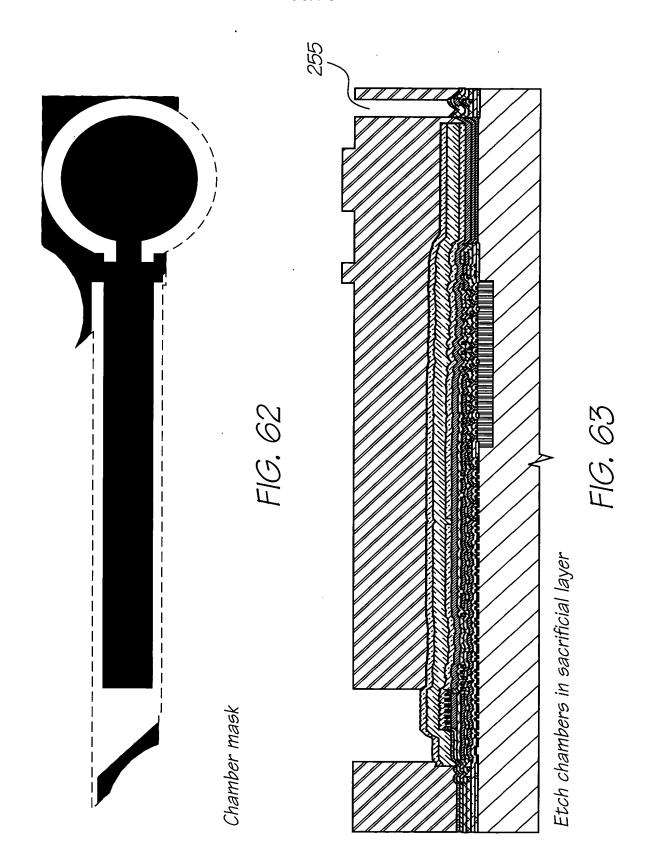
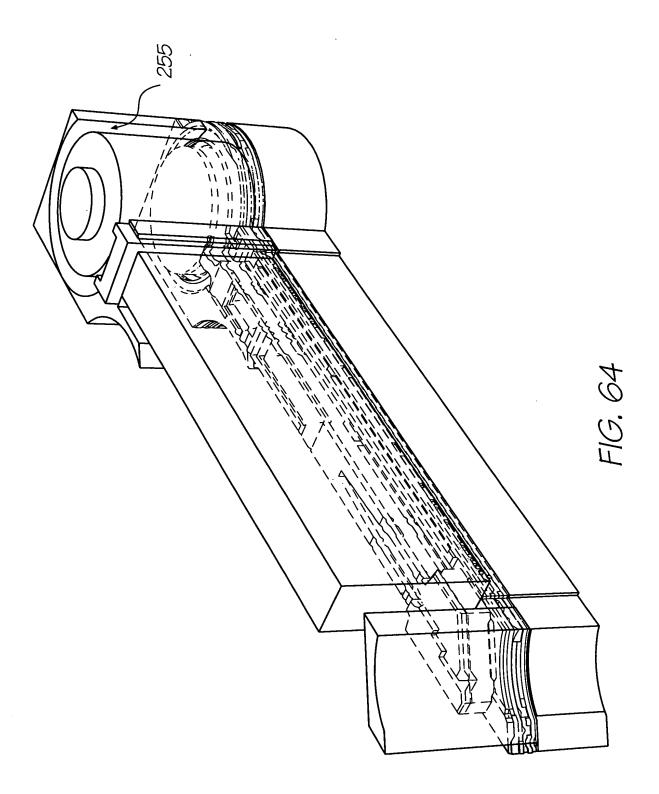


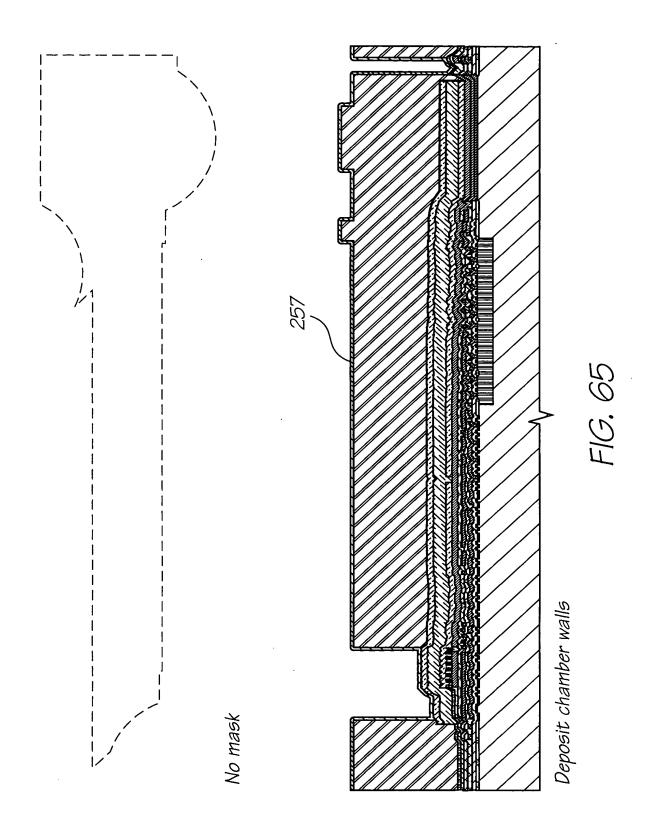
FIG. 58

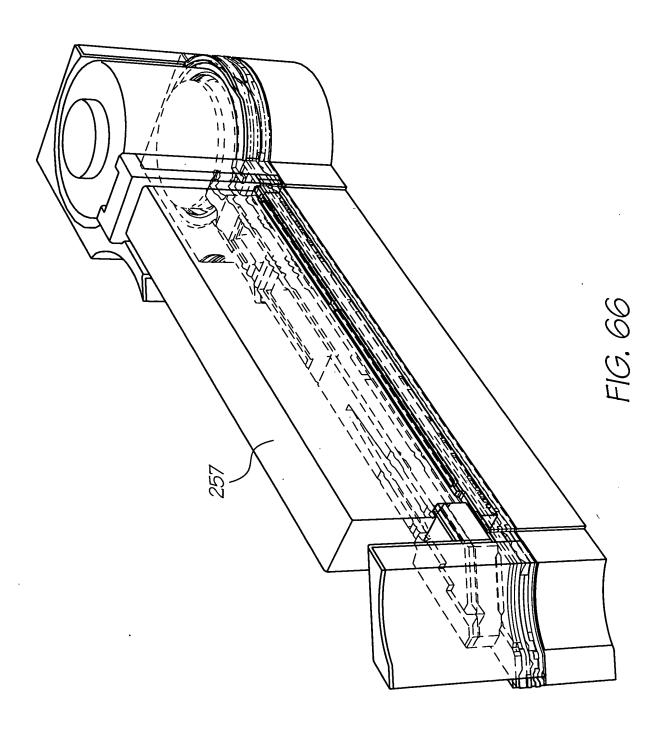


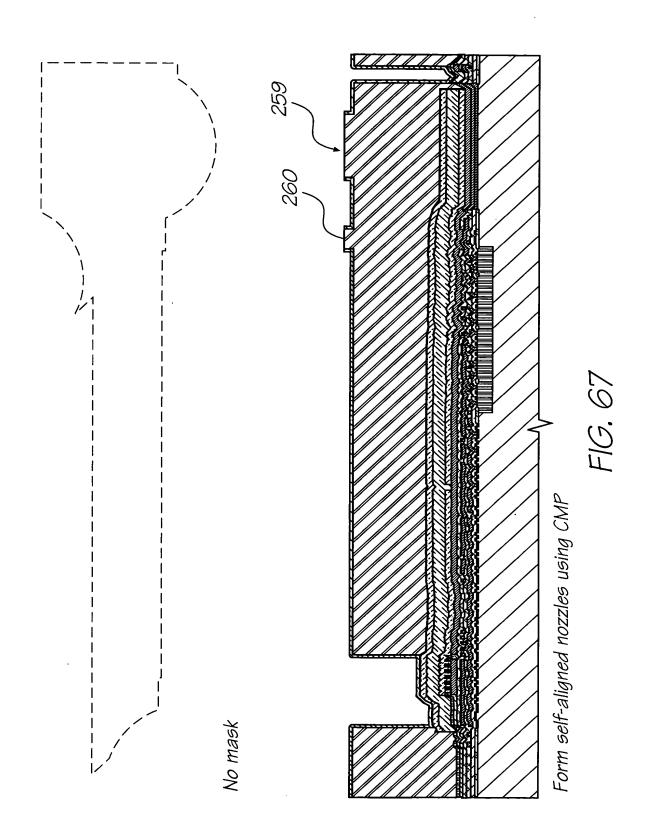


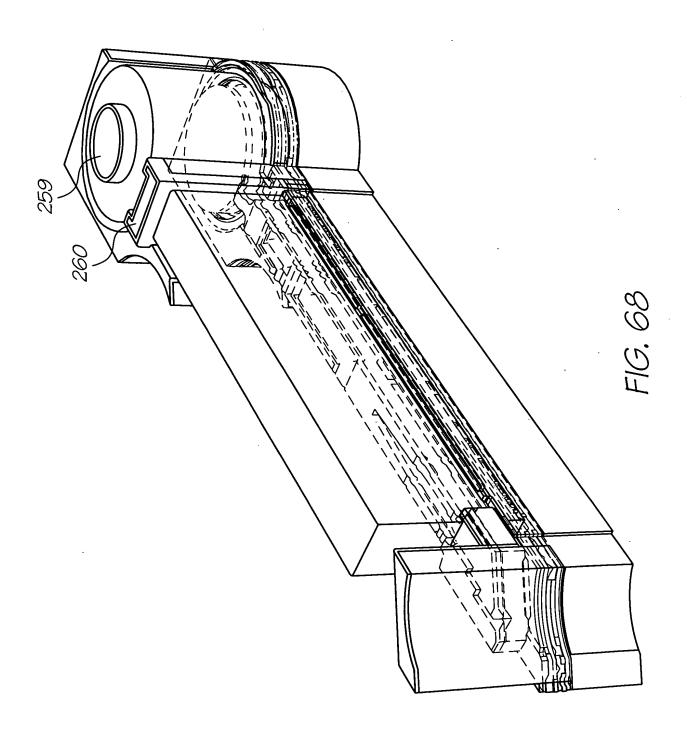


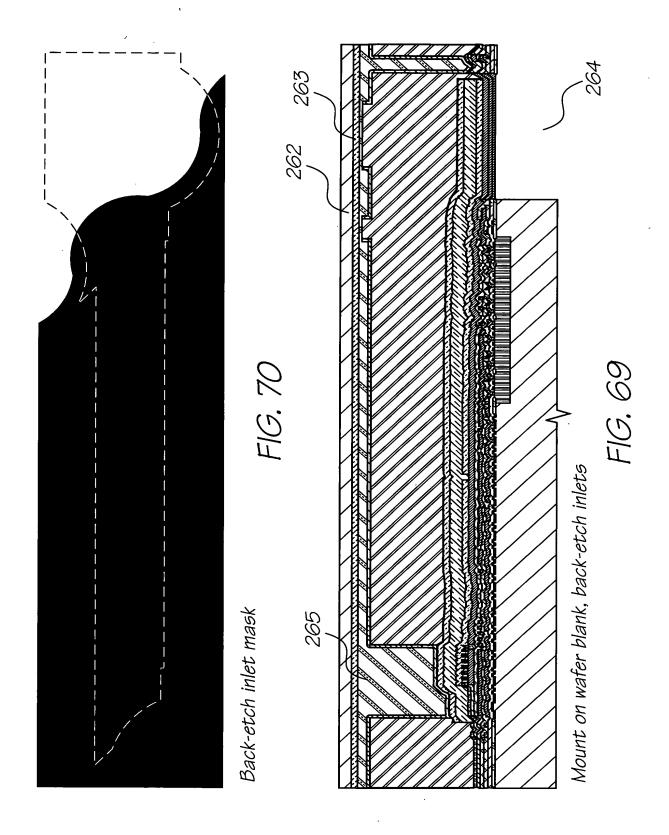


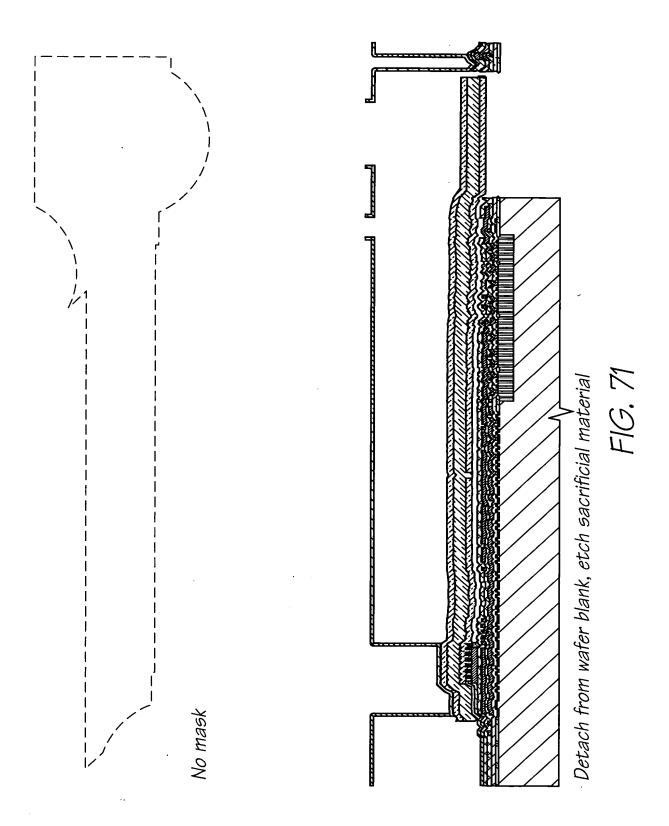


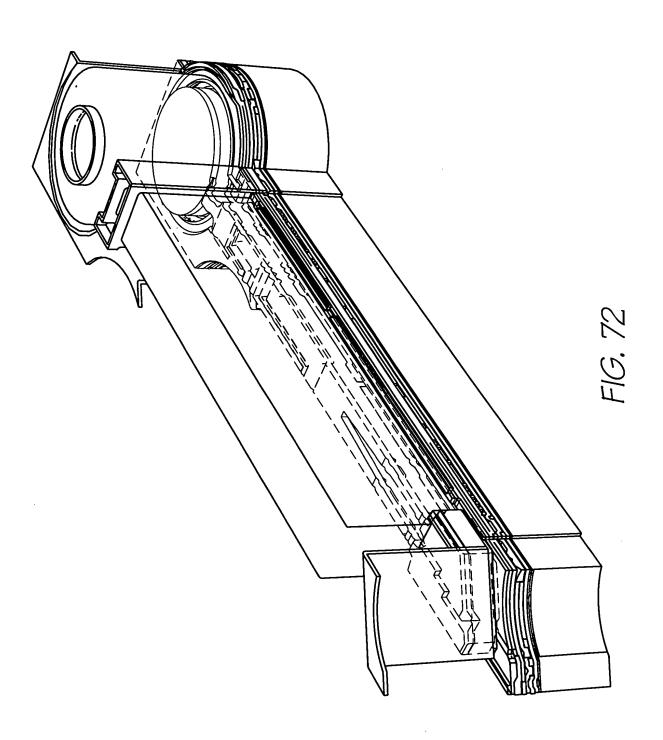


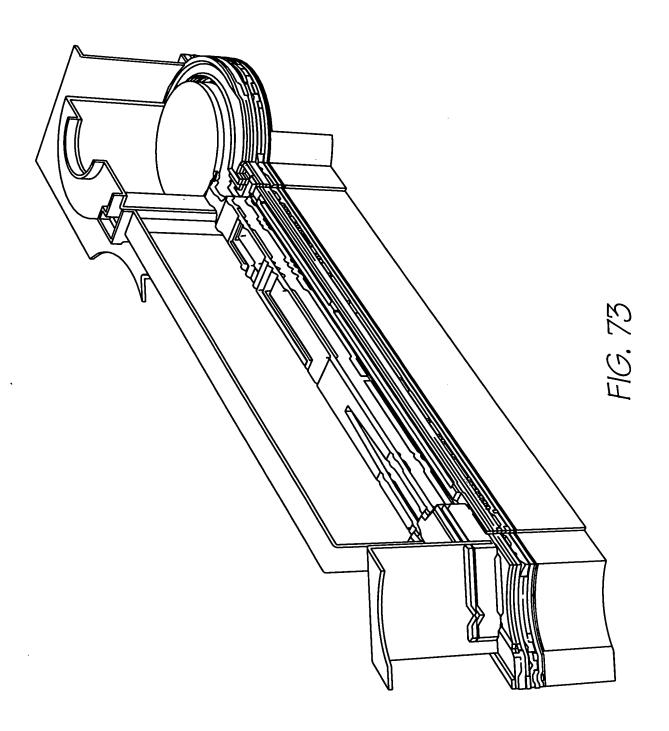


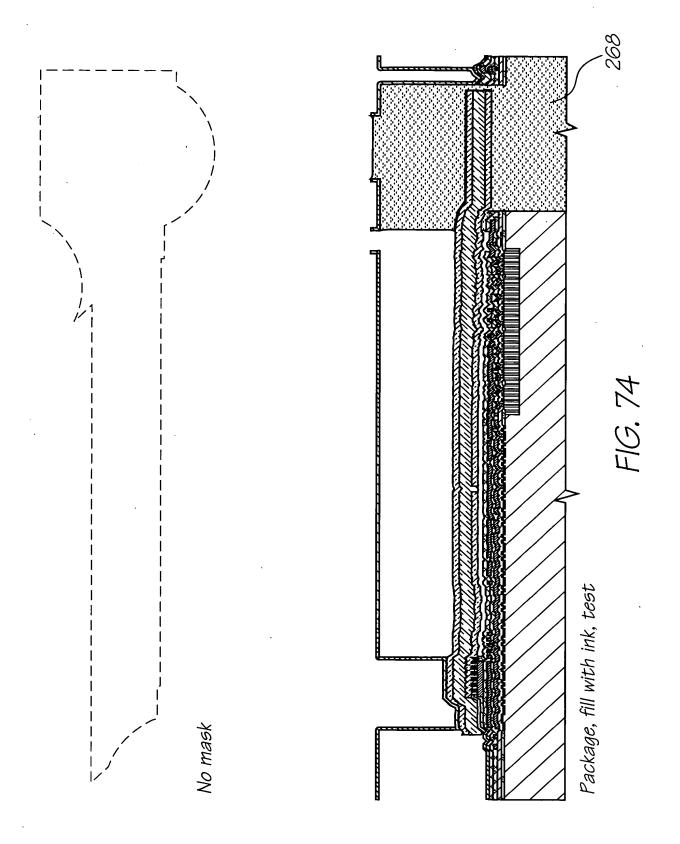


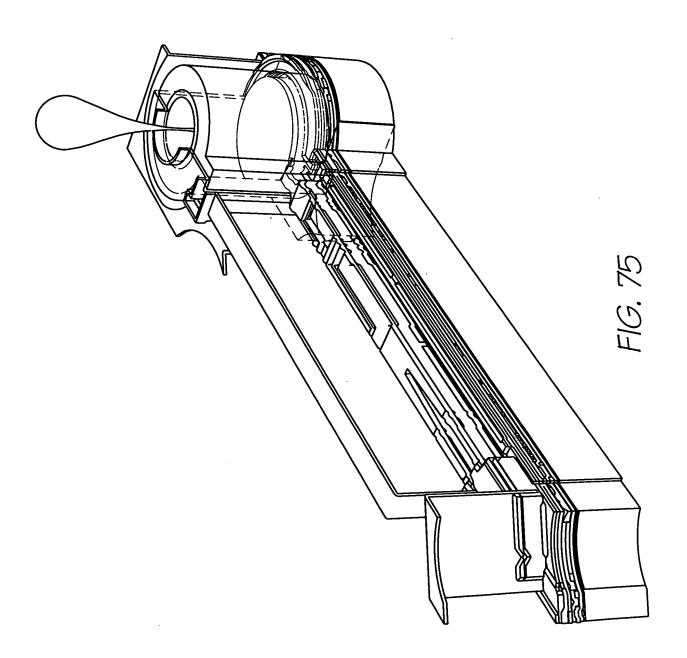


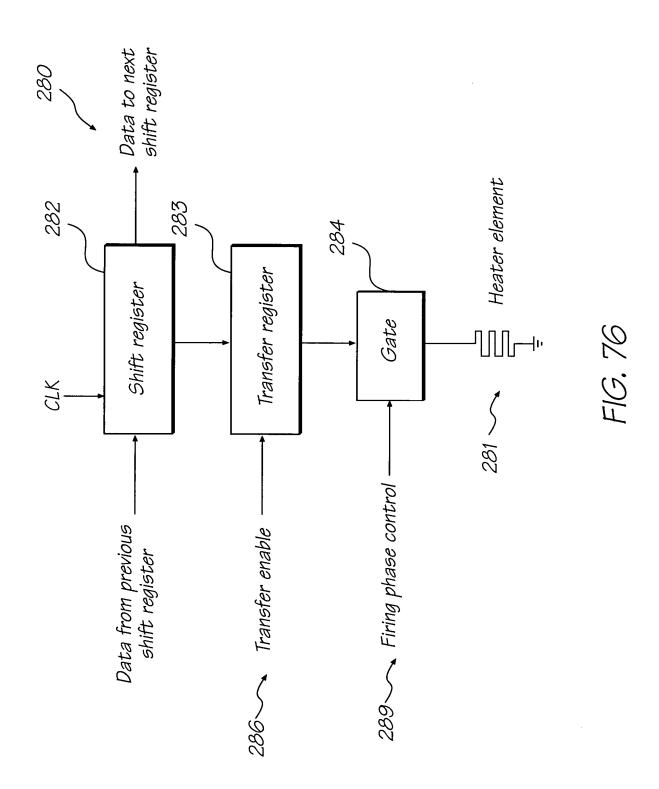












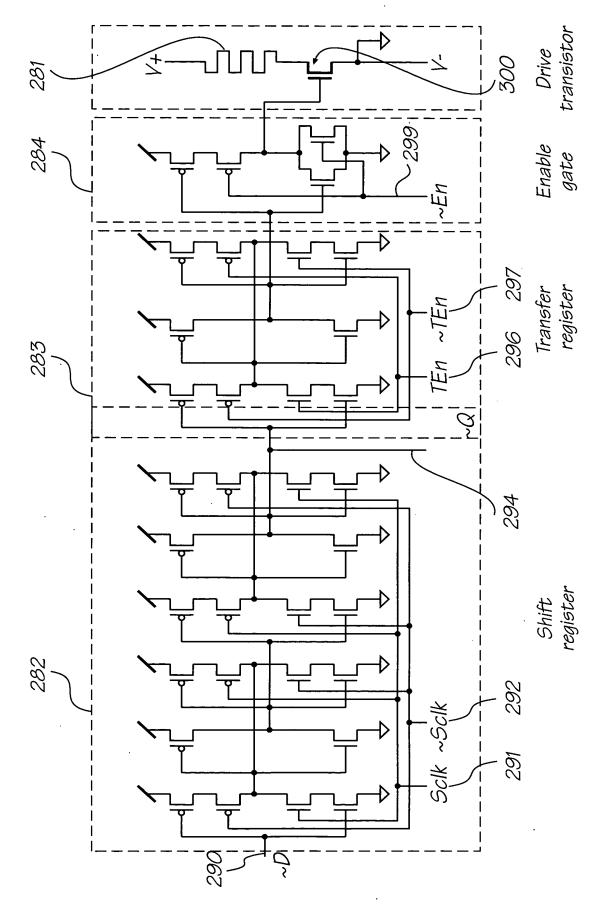


FIG. 77

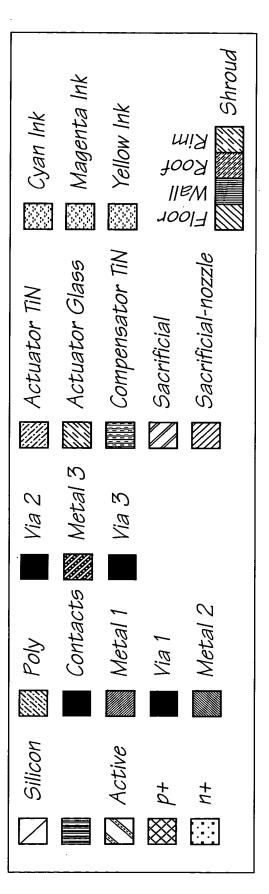


FIG. 78

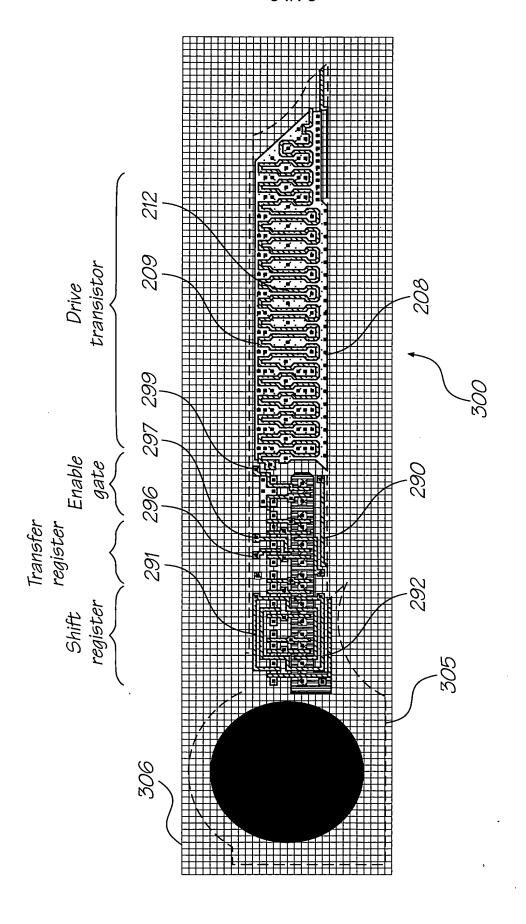


FIG. 79

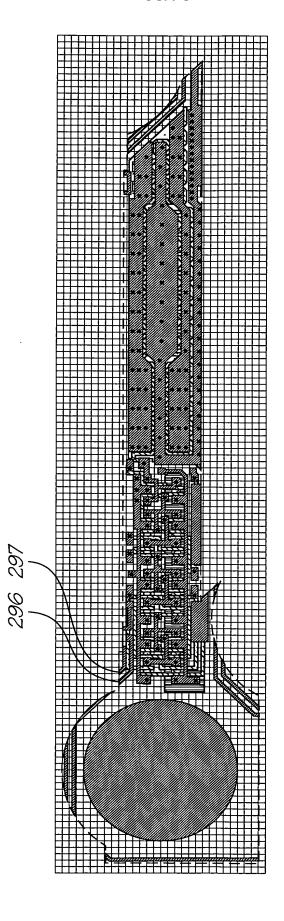
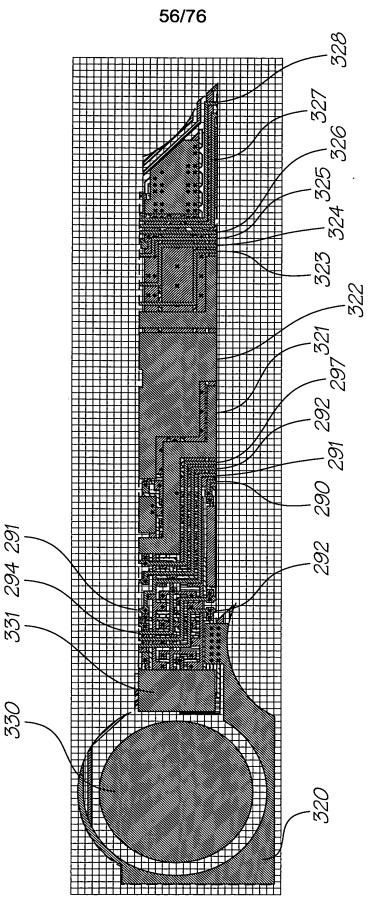


FIG. 80



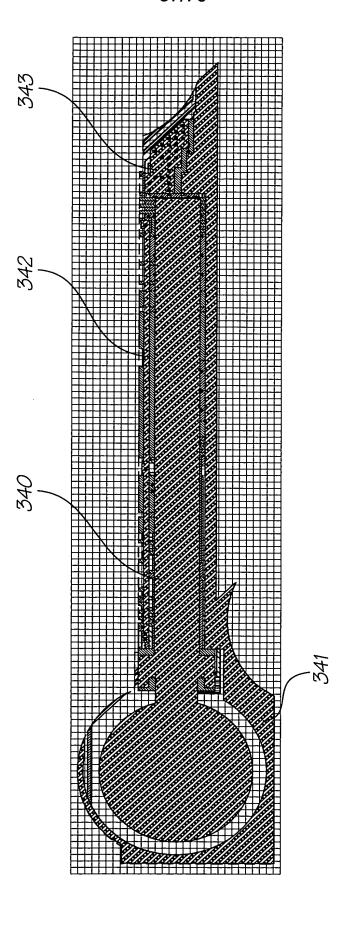


FIG. 82

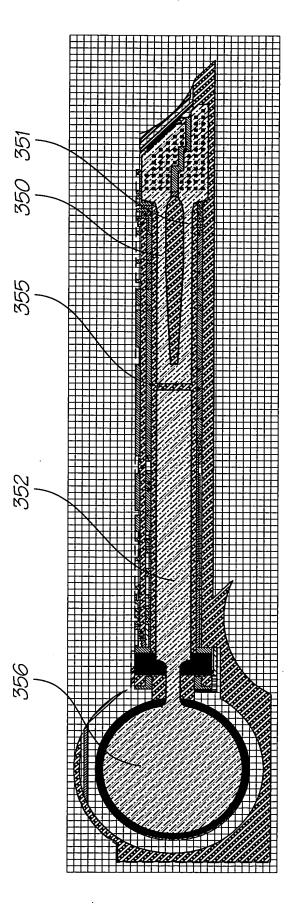
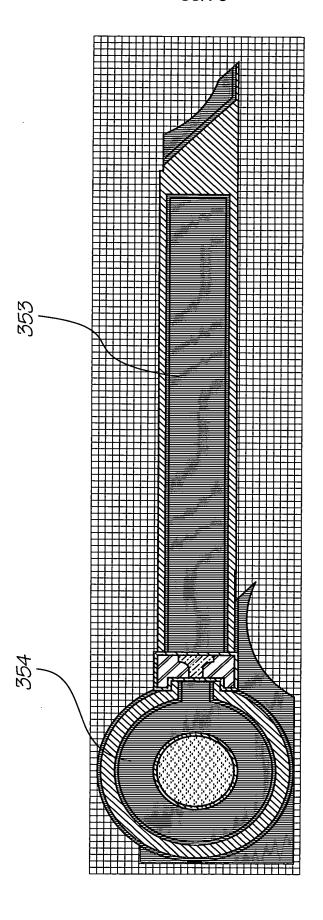
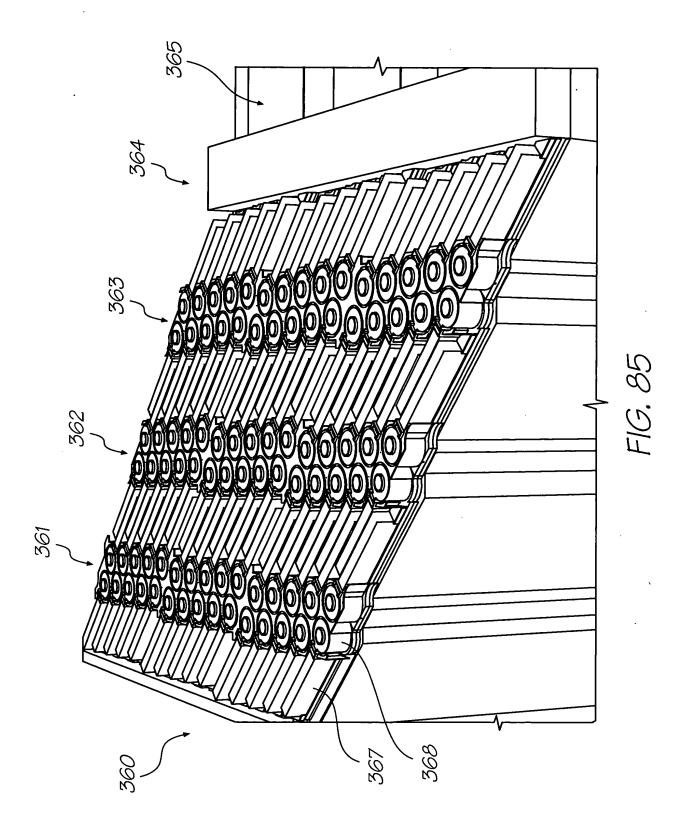


FIG. 83



F1G. 84



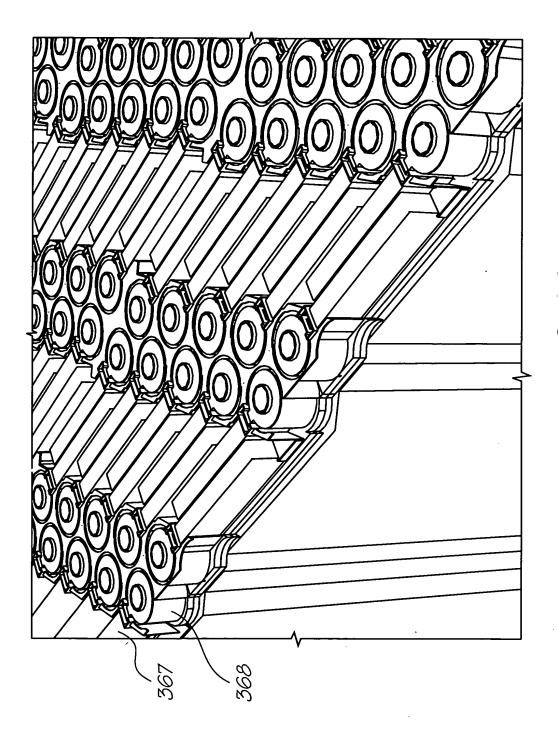


FIG. 86

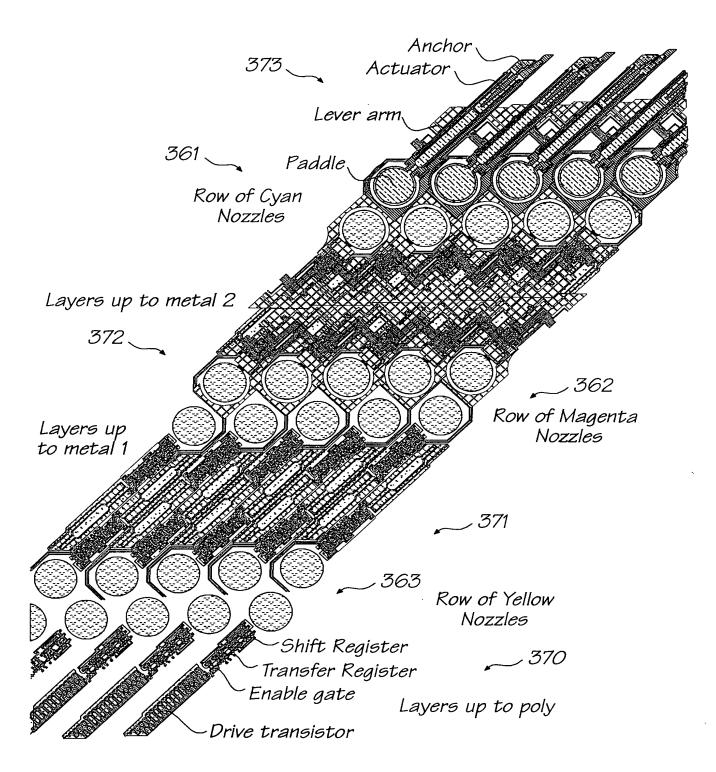
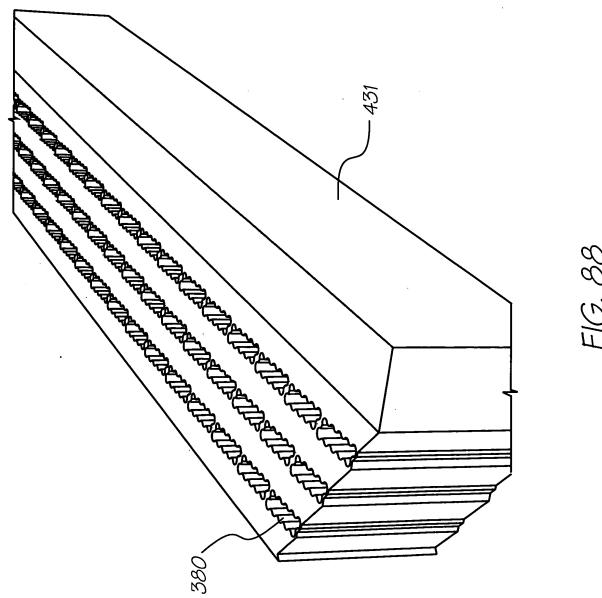
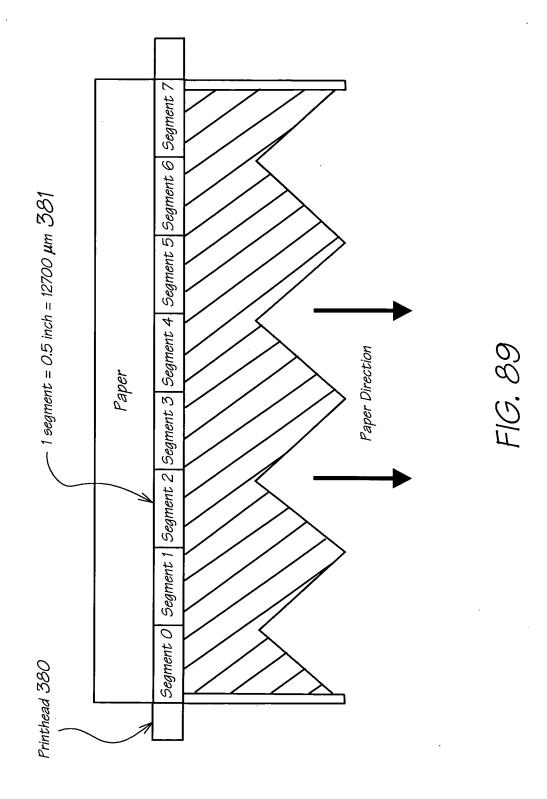
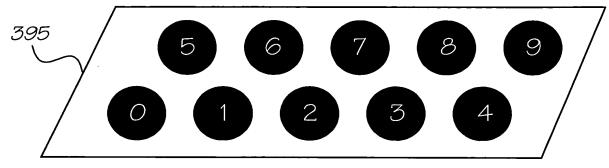


FIG. 87







A single pod, numbered by firing order

FIG. 90

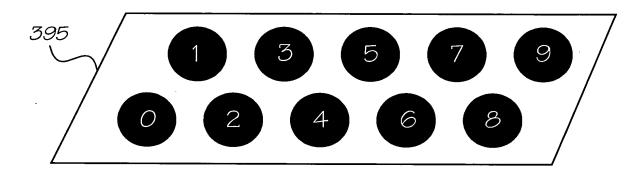
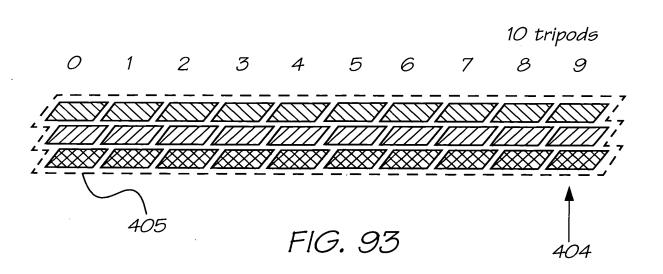


FIG. 91



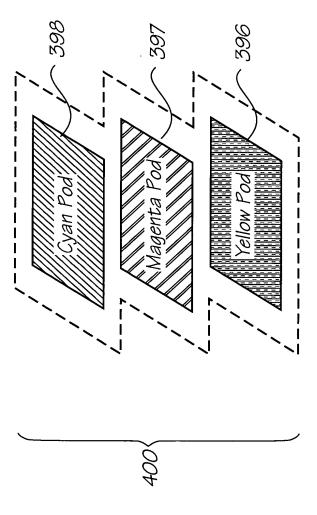
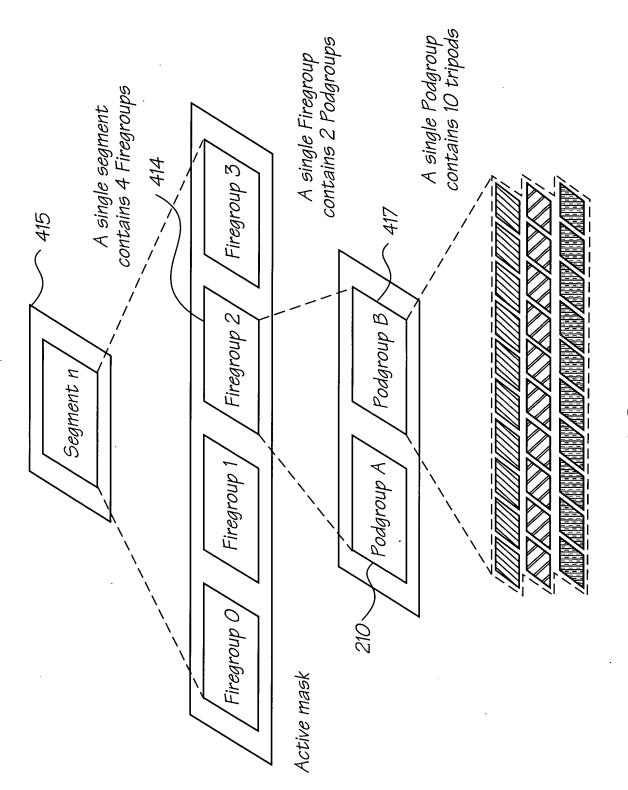


FIG. 92



F1G. 94

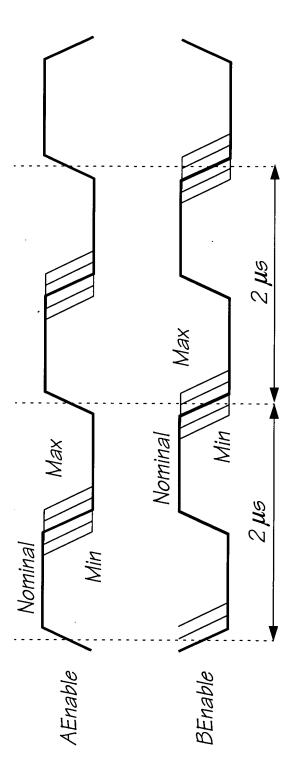
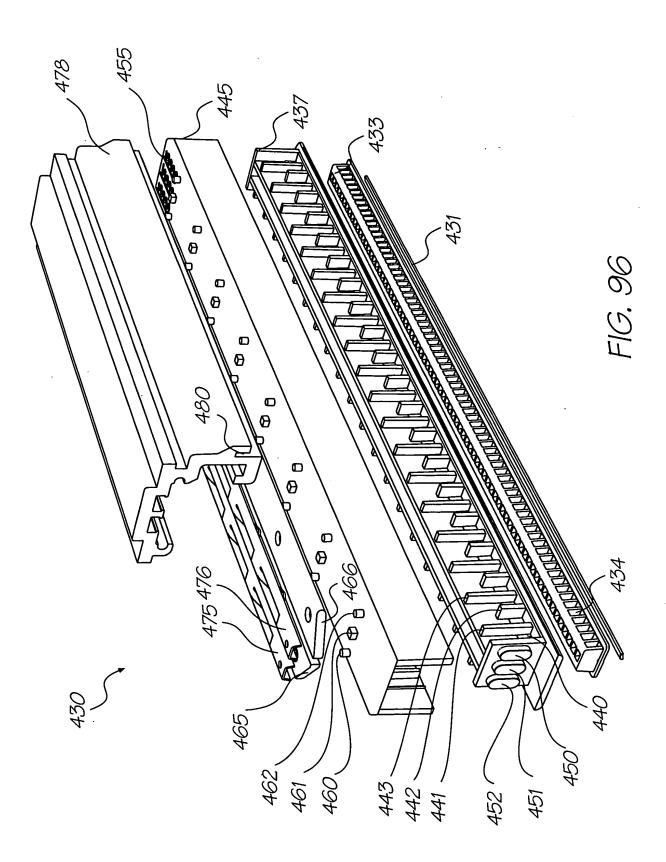
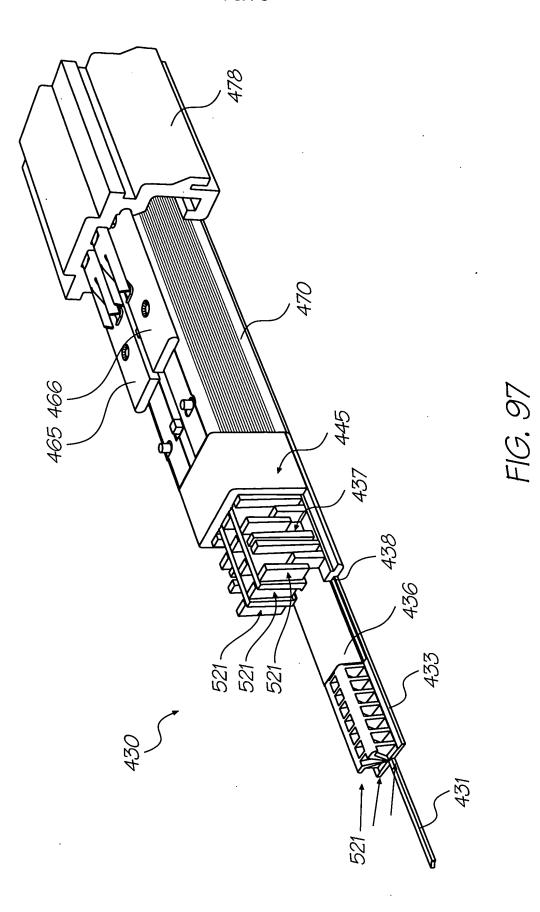
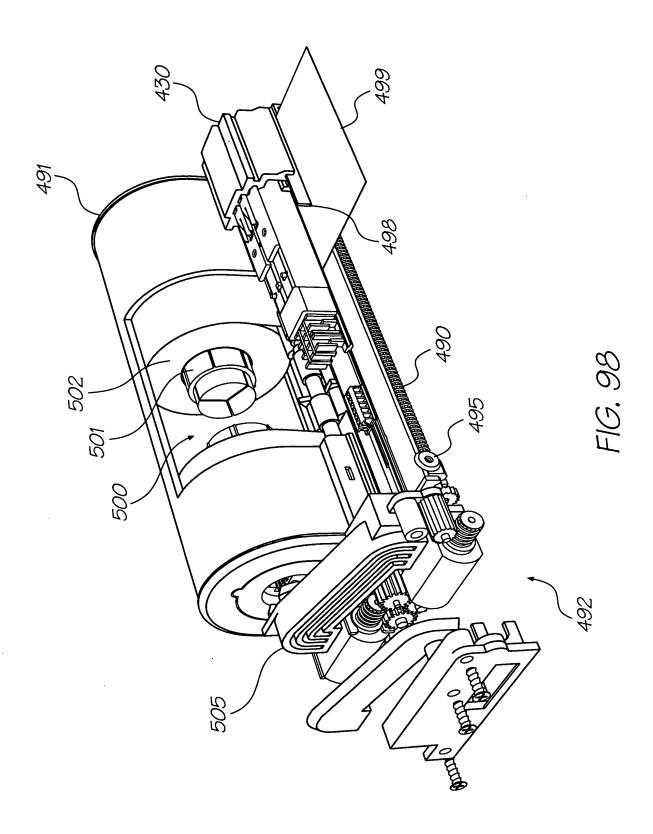
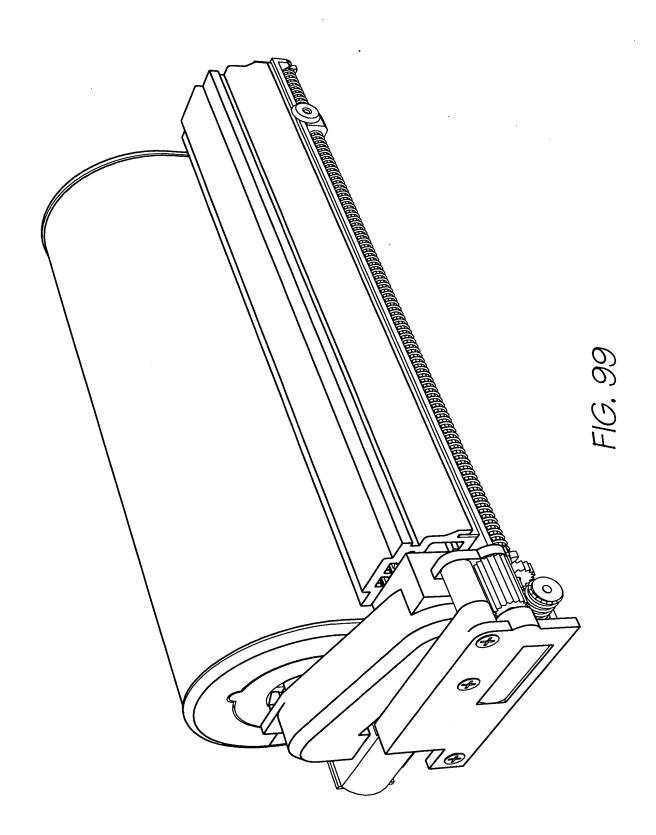


FIG. 95









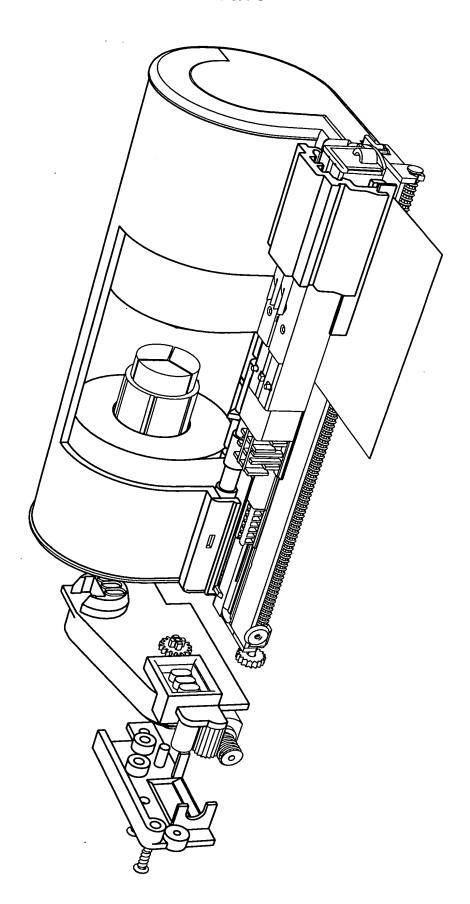
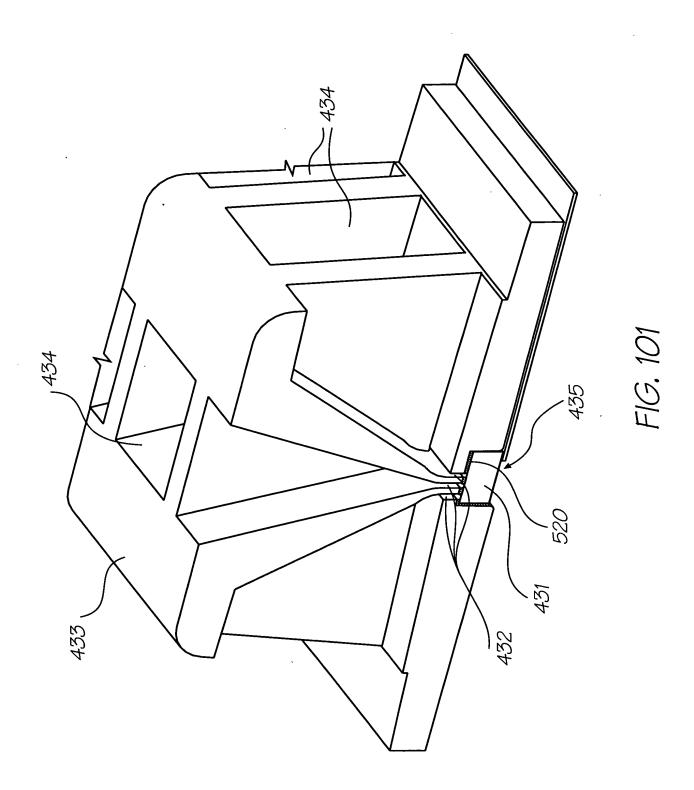


FIG. 100



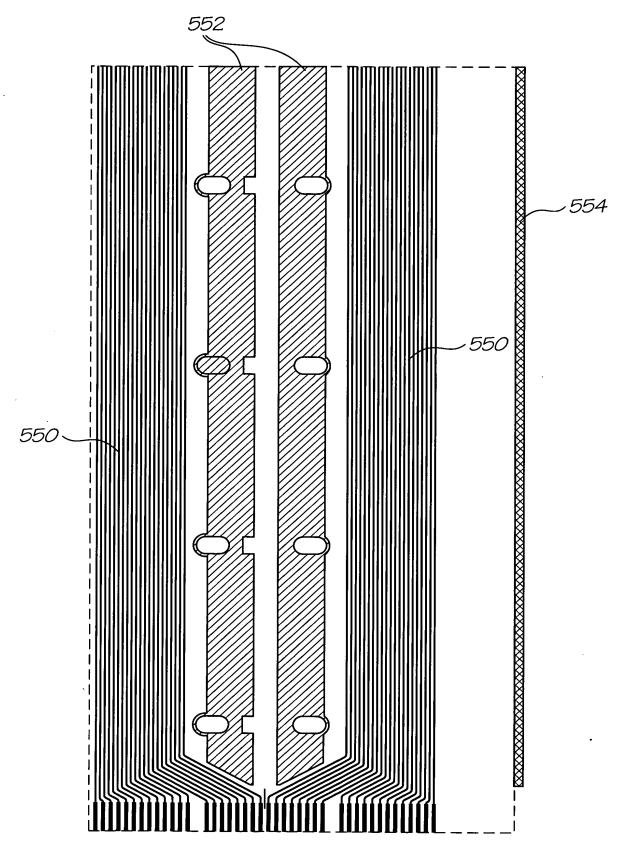


FIG. 102

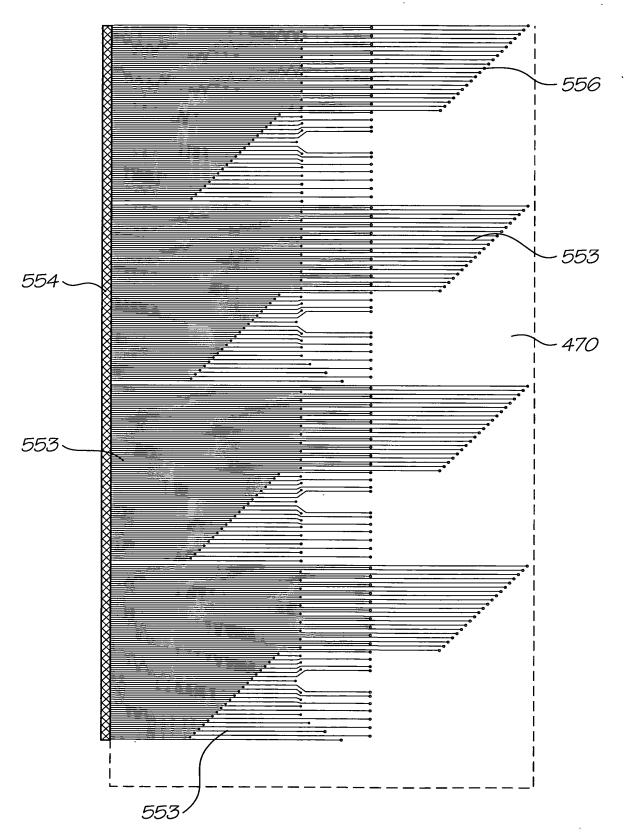


FIG. 103